

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Currently Amended): A receiver, comprising:

at least two antennas for receiving broadcast ~~waves~~ wave signals each carrying thereon an information signal;

signal amplifiers for respectively amplifying the broadcast wave signals that have been respectively received by said at least two antennas;

a signal superposing part for superposing the amplified signals that have been amplified by said signal amplifiers to produce an output signal;

a demodulating/reproducing part for demodulating the output signal ~~of from~~ said signal superposing part and for reproducing reception the information signals included in said broadcast ~~waves~~ output signal, said demodulating/reproducing part being adapted to detect qualities of the respective ones of the reproduced information signals so as to produce a deterioration signal showing deterioration in quality of either one of the reproduced information signals; and

a control part for performing a control operation to reduce a number of broadcast wave signals in said output signal ~~when reproduction quality of the reception information has deteriorated~~ in response to said deterioration signal.

Claim 2 (Currently Amended): A receiver, comprising:

at least two antennas for receiving broadcast ~~waves have a common content~~ wave signals having a common content and each carrying thereon an information signal;

signal amplifiers for respectively amplifying the broadcast wave signals that have been respectively received by said at least two antennas;

a signal superposing part for superposing the amplified signals that have been amplified by said signal amplifiers to produce an output signal;

a demodulating/reproducing part for demodulating the output signal ~~of~~ from said signal superposing part and for reproducing reception the information signals included in said broadcast waves output signal, said demodulating/reproducing part being adapted to detect qualities of the respective ones of the information signals so as to produce a deterioration signal showing deterioration in quality of either one of the reproduced information signals; and

a control part for performing a control operation to exclude either one of broadcast wave signals ~~with that has a high noise level that have been output by said signal amplifiers~~ from said output signal ~~when reproduction quality of the reception information has deteriorated in response to said deterioration signal.~~

Claim 3 (Currently Amended): A receiver, comprising:

at least two antennas for receiving broadcast ~~waves~~ wave signals being broadcasted from a plurality of broadcasting systems and each carrying thereon an information signal, the plurality of broadcasting systems including a first group consisting of at least one broadcasting system broadcast wave signal for which said broadcast ~~waves~~ wave signal is ~~are~~ being reproduced, and a second group consisting of remaining broadcasting systems;

signal amplifiers for respectively amplifying the broadcast wave signals that have been respectively received by said at least two antennas;

a signal superposing part for superposing the signals that have been amplified by said signal amplifiers on each other to produce an output signal;

a demodulating/reproducing part for demodulating the output signal ~~of~~ from said signal superposing part and for reproducing ~~reception~~ the information signals included in said ~~broadcast waves~~ output signal, said demodulating/reproducing part being adapted to detect qualities of the respective ones of the information signals so as to produce a deterioration signal showing deterioration in quality of either one of the reproduced information signals; and

a control part for performing a control operation to exclude at least one of the broadcast wave signals ~~signal~~ received from the second group of broadcasting systems, from said output signal ~~when reproduction quality of the reception information has deteriorated~~ in response to said deterioration signal.

Claim 4 (Currently Amended): A receiver, comprising:

at least two antennas for receiving broadcast waves wave signals for a program having a common content respectively broadcasted from a plurality of broadcasting systems each of said broadcast wave signals carrying thereon an information signal;

signal amplifiers for respectively amplifying the broadcast wave signals that have been respectively received by said at least two antennas;

a signal superposing part for superposing the signals that have been amplified by said signal amplifiers on each other to produce an output signal;

a demodulating/reproducing part for demodulating the output signal ~~of~~ from said signal superposing part and for reproducing ~~reception~~ the information signals included in said ~~broadcast~~

waves output signal, said demodulating/reproducing part being adapted to detect qualities of the respective ones of the information signals so as to produce a deterioration signal showing deterioration in quality of either one of the reproduced information signals; and

a control part for performing a control operation to exclude from said output signal at least one of

(i) a broadcast wave signal output by said signal amplifiers whose signal quality has deteriorated, in response to said deterioration signal ~~signals with a high noise level that have been output by said signal amplifiers, and~~

(ii) ~~signals output by said signal amplifiers for broadcasting systems whose signal quality has deteriorated, from said output signal when reproduction quality of the reception information has deteriorated.~~